



Atty. Dkt. No. 053969-0159

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hiroaki KUWANO, et al.

Title: MOBILE COMMUNICATION SYSTEM,
RADIO NETWORK CONTROLLER, RADIO
TERMINAL, DATA DELIVERING METHOD,
AND PROGRAM FOR THE METHOD

Appl. No.: 10/747,958

Filing Date: 12/31/2003

Examiner: Maung, Nay Aung

Art Unit: 2684

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of a document known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed document is being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits, and within three (3) months of the mailing date of the foreign search report.

CONCISE EXPLANATION OF RELEVANCE

The documents listed on the attached PTO/SB/08 were cited as being relevant during the prosecution of the corresponding Chinese application. A partial English translation of the Chinese Office Action of December 30, 2005, follows:

Claim 1 seeks to protect a mobile communication system. The reference 1 (hereinafter referred to as "Ref.1", US 6501957B2) discloses on column 1, lines 32-38, column 2, lines 34-42, column 3, line 13 to column 4, line 39 and Figures 1 and 2, the technical features as follows: the GPRS provides a bearer service from a boundary of a packet data network (PDN) to a GPRS MS (equivalent to the radio terminal in claim 1). The serving GPRS support node (SGSN) keeps track of the individual MSs' location and performs security functions and access control. The SGSN is connected to a base station system (BSS) which provides a radio connection to the MS. The gateway GPRS support node GGSN provides interworking with the external PDN and is connected with SGSNs via an IP-based GPRS backbone network. A subscriber-specific information such as a list is stored in the GGSN, which defines multicast groups joined by specific MSs. Thus, upon receiving an IP-M group call from the PDN, the GGSN may check the subscriber-specific information as to whether an MS of the GPRS network has joined the corresponding IP-M group, and establishes a point to point connection between the multicast content provider and a respective MS, in case the subscriber-specific indicates that the respective subscriber has joined the corresponding multicast group. When a subscriber transmits a joining request for available groups for multicast messages, the GGSN may, in response to this request, transmit multicast services to the mobile station MS via the SGSN. In addition, a logical link between the mobile station MS and the SGSN makes the MS available for messages over GPRS, paging via SGSN, and notification of incoming GPRS service data.

Ref. 1 discloses that a mobile station MS (equivalent to the radio terminal in claim 5) receives the broadcast service and paging information sent by SGSN, which must acquire the service data in a PICH (Paging Indication Channel) receivable state.

...the service data in Ref.1 is the MBMS data.

Applicant's statements regarding the Chinese Office Action are based on a partial translation thereof. These statements should in no way be considered as an agreement by Applicant with, or an admission of, what is asserted in the Chinese Office Action.

Applicant respectfully requests that the listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 19-0741.

Respectfully submitted,

Date March 3, 2006

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| <p>Substitute for form 1449B/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>Date Submitted: March 3, 2006</p> <p>(use as many sheets as necessary)</p> | | | | <p>Complete if Known</p> <table border="1"> <tr> <td>Application Number</td> <td>10/747,958</td> </tr> <tr> <td>Filing Date</td> <td>12/31/2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Hiroaki KUWANO</td> </tr> <tr> <td>Group Art Unit</td> <td>2684</td> </tr> <tr> <td>Examiner Name</td> <td>Maung, Nay Aung</td> </tr> <tr> <td>Attorney Docket Number</td> <td>053969-0159</td> </tr> </table> | | Application Number | 10/747,958 | Filing Date | 12/31/2003 | First Named Inventor | Hiroaki KUWANO | Group Art Unit | 2684 | Examiner Name | Maung, Nay Aung | Attorney Docket Number | 053969-0159 |
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| Sheet | 1 | of | 1 |  | | | | | | | | | | | | | |

U.S. PATENT DOCUMENTS

U.S. PATENT APPLICATION DOCUMENTS

| Examiner Initials* | Cite No. ¹ | U.S. Patent Application Document | | Name of Patentee or Applicant of Cited Document | Filing Date of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|----------------------------------|-----------------------------------|---|---|--|
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FOREIGN PATENT DOCUMENTS

NON PATENT LITERATURE DOCUMENTS

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⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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